

Pediatric Specialist Guide

A referral guide for health care providers



James Kasser, MD



Children's Hospital Boston

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CHILDRENSHOSPITAL.ORG

NEUROSURGERY

The Department of Neurosurgery at Children's Hospital Boston provides highly integrated care for children with diseases and malformations of the brain, spine and nervous system. Neurological disorders often have broad-reaching effects and the department aims to understand and treat all the elements of a child's condition.

The department has expertise in the following areas:

- antenatal evaluations
- brain tumors
- complex spine
- congenital malformations of the brain and spinal cord (e.g., tethered cord and Chiari malformation)
- craniofacial anomalies or disorders
- craniosynostosis
- epilepsy
- hydrocephalus
- myelodysplasia (i.e., spina bifida)
- neonatal surgery
- neuro-trauma
- pediatric stroke
- peripheral nerve and perinatal brachial plexus surgery
- radiosurgery
- spasticity and cerebral palsy
- spinal cord tumors
- sports related injuries
- vascular anomalies and malformations (e.g., AVM's, aneurysm, vein of Galen and Moyamoya syndrome)
- ventriculostomy

The Department of Neurosurgery sees patients at our Boston campus on the second floor of the Hunnewell Building, Peabody and Waltham.

COMMUNITY	LOCATION	SCHEDULING
Boston	Children's Hospital Boston 300 Longwood Avenue, Hunnewell-2	617-355-6008
Peabody	Children's Hospital Boston at Peabody One Essex Center Drive	978-538-3600
Waltham	Children's Hospital Boston at Waltham 9 Hope Avenue	978-355-6008

To make an appointment at any of our office locations, please call the appropriate scheduling office telephone number above or visit childrenshospital.org/neurosurg and select Request an Appointment.

Urgent Appointment Triage

Neurosurgery:

617-355-6008

NEUROSURGERY

Scott, R. Michael, MD

*Neurosurgeon-in-Chief
Christopher K. Fellows Family Chair in Pediatric
Neurosurgery
Professor, Harvard Medical School*
Children's Hospital Boston
☎ 617-355-6011
☎ 617-730-0906
✉ michael.scott@childrens.harvard.edu

Board Certifications: Neurological Surgery,
Pediatric Neurosurgery

Specialties: arteriovenous malformation (AVM);
brain tumors; chiari malformation; congenital
malformations; general neurosurgery; moyamoya;
myelodysplasia; pediatric stroke; vascular anomalies
anomalies

Black, Peter M., MD, PhD, FACS

*Frac D. Ingraham Professor of Neurosurgery,
Medical School*
Children's Hospital Boston
☎ 617-525-7796
☎ 617-734-8342

Other Office: Boston

Board Certifications: Neurological Surgery

Specialties: brain tumors; epilepsy (including
hemispherectomy); general neurosurgery;
hydrocephalus

Goumnerova, Liliana C., MD

*Associate in Neurosurgery
Associate Professor of Surgery (Neurosurgery),
Medical School*
Children's Hospital Boston
☎ 617-355-6364
☎ 617-730-0906
✉ liliana.goumnerova@childrens.harvard.edu

Other Office: Waltham

Board Certifications: Neurological Surgery,
Pediatric Neurological Surgery

Specialties: brain tumors; chiari malformation;
hydrocephalus; peripheral nerve; spinal cord tumors;
tumors; ventriculocopy/endoscopy

Madsen, Joseph R., MD

*Director, Epilepsy Surgery Program
Associate in Neurosurgery
Associate Professor, Harvard Medical School*
Children's Hospital Boston
☎ 617-355-6005
☎ 617-730-0906
✉ joseph.madsen@childrens.harvard.edu

Board Certifications: Neurological Surgery

Specialties: chiari malformation; congenital
malformations; epilepsy surgery; general
neurosurgery; hydrocephalus

Orbach, Darren Benjamin, MD, PhD

*Director, Neurointerventional Radiology
Assistant Professor of Radiology, Harvard Medical
School*
Brigham and Women's Hospital
☎ 617-355-6579
☎ 617-730-0573
✉ darren.orbach@childrens.harvard.edu

Other Office: Boston

Board Certifications: Diagnostic Radiology,
Neuroradiology, Neurology

Specialties: neuroradiology; pediatric stroke;
vascular anomalies; vascular/interventional
radiology

Proctor, Mark R., MD

*Associate in Neurosurgery
Assistant Professor, Harvard Medical School*
Children's Hospital Boston
☎ 617-355-2403
☎ 617-730-0906
✉ mark.proctor@childrens.harvard.edu

Other Office: Peabody

Board Certifications: Neurological Surgery,
Pediatric Neurosurgery

Specialties: complex spine; congenital
malformations; craniofacial anomalies or disorders;
disorders; craniosynostosis; general neurosurgery;
hydrocephalus; neuro-trauma; sports related head
and spine injury

Smith, Edward Robert, MD

*Assistant in Neurosurgery
Assistant Professor, Harvard Medical School*
Children's Hospital Boston
☎ 617-355-8414
☎ 617-730-0906
✉ edward.smith@childrens.harvard.edu

Other Office: Peabody

Specialties: arteriovenous malformation (AVM);
brain tumors; general neurosurgery; hydrocephalus;
hydrocephalus; moyamoya; neuro-trauma; pediatric
pediatric stroke; vascular anomalies

Warf, Benjamin C., MD

*Associate in Neurosurgery
Assistant Professor of Surgery (Neurosurgery),
Medical School*
Children's Hospital, Boston
☎ 617-355-6008
☎ 617-730-0906

Board Certifications: Neurological Surgery,
Pediatric Neurological Surgery

Specialties: chiari malformation; congenital
malformations; hydrocephalus; spasticity; spina
bifida; ventriculocopy/endoscopy